


AABInternational

	Vaughn College of Aeronautics and Technology
	Aviation Department
	B.S in Aeronautical Science
May 20, 2024	COMPLIANCE WITH AABI POLICY 3.2.4

Aeronautical Science Mission Statement

The mission of the Aviation Management program is to develop highly desired aviation professionals and thought leaders who will serve as a positive force in aviation and the world.

Aeronautical Science Program Educational Objectives

Our goal is to:

1. **Develop aviation professionals with exceptional knowledge, skills, and values.** Graduates will be highly educated, technically proficient, safety-oriented, and business-minded.
2. **Develop aviation professionals that advance global aviation.** Graduates will have a global perspective and embrace diverse cultures and ideas. Graduates will recognize historical trends, current issues, and emerging opportunities.
3. **Develop aviation professionals that aspire to lead.** Graduates will champion integrity, cultivate professional and personal growth opportunities, subscribe to a philosophy of lifelong learning, and lead by serving others.

Aeronautical Science, B.S Degree Student Learning Outcomes

Students graduating from the Aeronautical Science, B.S. program will:

1. Conduct aviation operations in a professional, safe, and efficient manner.
2. Describe historical trends, current issues, and emerging opportunities in aviation.
3. Apply effective oral and written communication skills to function effectively in the aviation environment.
4. Articulate the value of integrity, lifelong learning, and building diverse teams in serving and leading others.
5. Apply knowledge of business principles.

Comprehensive Assessment Plan

A comprehensive assessment plan is written and implemented by the aviation faculty and staff to meet requirements set forth by the Aviation Accreditation Board International (AABI) and Vaughn College. Systematic direct and indirect assessment tools enable continuous improvement in student learning outcomes, curriculum mapping, measurement methodology, results reporting, and action plan development. Assessment activities include:

Assessment Activity	Schedule
Aviation Faculty	August
Aviation Staff Meetings	Monthly
Academic Assessment Data Collection	Continuous
Student Admission Data Collection	Fall, Spring
Aviation Industry Advisory Board Meetings	Fall, Spring
Evaluate Course and Instructor Student Evaluations	Fall, Spring
Student Graduation Surveys	Fall, Spring
Aviation Assessment Focus Meeting	May
Faculty Annual Course Assessments	May
Office of Academic Assessment Annual Report	July

Graduation Rates

Initial Term	FR Cohort (full-time)	First-term retention rate	4-year graduation rate	6-year graduation rate
2015	3	66.67% (2)	0% (0)	33.33% (1)
2016	2	50% (1)	0% (0)	50% (1)
2017	1	100% (1)	0% (0)	0% (0)
2018	3	33.33% (1)	33.33% (1)	-
2019	5	60% (3)	20% (1)	-
2020	6	100% (6)	-	-
2021	8	62.5% (5)	-	-
2022	3	66.66% (2)	-	-
2023	1	-	-	-

Degrees Conferred–BS Aeronautical Science

Graduation Year	May	August	December	Total Awarded
2015	4	0	3	7
2016	6	1	6	13
2017	6	3	7	16
2018	16	3	5	24
2019	11	2	6	19
2020	7	3	6	16
2021	10	2	6	18
2022	21	3	6	30
2023	26	5	4	35

Job Placement

Aviation Management graduates enter the aviation workforce in the public or private sectors. Positions in the public sector include airport operations and management, government administration, military service, air traffic control, and education. Private sector jobs include airline revenue management, operations management, business aviation management, aircraft manufacturing, brokerage and sales, and UAS operations.

Employment (and graduate enrollment) Success Rates

Description	2021	2022	2023
Aeronautical Science overall success rate (number of students securing employment or graduate enrollment/number of students indicating that they were seeking employment or graduate enrollment)	4	3	3

Why We're Nonprofit

As a nonprofit (not-for-profit) college, Vaughn is in the business of training skilled professionals to make a difference in the world—not gaining profit, revenue, or producing dividends for shareholders. In keeping with our commitment to your education, we invest our resources back into degree programs and into your student experience.

While many other colleges have raised tuition, **Vaughn has been able to keep costs low as a nonprofit college and has only moderately increased tuition when necessary.** Lower tuition means less student loan debt for students.

For Vaughn College, nonprofit is more than a status; it is a valuable opportunity to invest in the lives of students who will go out and impact the world.